

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100824\
 Data File : PL092276.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Oct 2024 16:48
 Operator : AR\AJ
 Sample : PB163986BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB163986BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/09/2024
 Supervised By :Ankita Jodhani 10/09/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 02:16:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.543	2.781	44233377	48385490	19.883	19.292
28) SA Decachlor...	9.059	7.920	34384427	48154479	20.989	19.247
Target Compounds						
2) A alpha-BHC	3.998	3.284	146.8E6	185.0E6	47.396	50.769
3) MA gamma-BHC...	4.331	3.613	140.6E6	174.5E6	45.372	49.420
4) MA Heptachlor	4.920	3.953	128.8E6	170.5E6	46.576	49.422
5) MB Aldrin	5.261	4.231	123.9E6	165.3E6	44.613	48.606m
6) B beta-BHC	4.528	3.913	63261014	76425445	47.695	50.845
7) B delta-BHC	4.775	4.142	134.8E6	173.9E6	46.726	50.086
8) B Heptachlo...	5.688	4.734	119.7E6	155.0E6	47.037	51.260m
9) A Endosulfan I	6.074	5.105	109.5E6	138.3E6	47.333	50.390
10) B gamma-Chl...	5.943	4.986	120.3E6	156.6E6	48.678	52.037
11) B alpha-Chl...	6.023	5.049	118.5E6	153.2E6	48.095	51.191
12) B 4,4'-DDE	6.196	5.237	102.4E6	146.1E6	47.318	52.577m
13) MA Dieldrin	6.348	5.370	112.9E6	150.6E6	46.294	51.361
14) MA Endrin	6.577	5.645	87538447	120.2E6	42.480m	45.847
15) B Endosulfa...	6.798	5.939	99994474	127.5E6	45.458	50.967
16) A 4,4'-DDD	6.712	5.793	89893495	119.7E6	50.060m	56.018
17) MA 4,4'-DDT	7.027	6.043	82431805	104.8E6	44.771	45.299
18) B Endrin al...	6.928	6.119	79896493	100.3E6	45.845	49.171
19) B Endosulfa...	7.162	6.340	92635987	121.2E6	46.732	50.257m
20) A Methoxychlor	7.503	6.618	41986318	54954904	42.768	43.952
21) B Endrin ke...	7.647	6.846	106.9E6	147.0E6	48.654	53.100m
22) Mirex	8.121	7.028	79691598	111.0E6	44.249	45.643

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100824\
Data File : PL092276.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Oct 2024 16:48
Operator : AR\AJ
Sample : PB163986BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

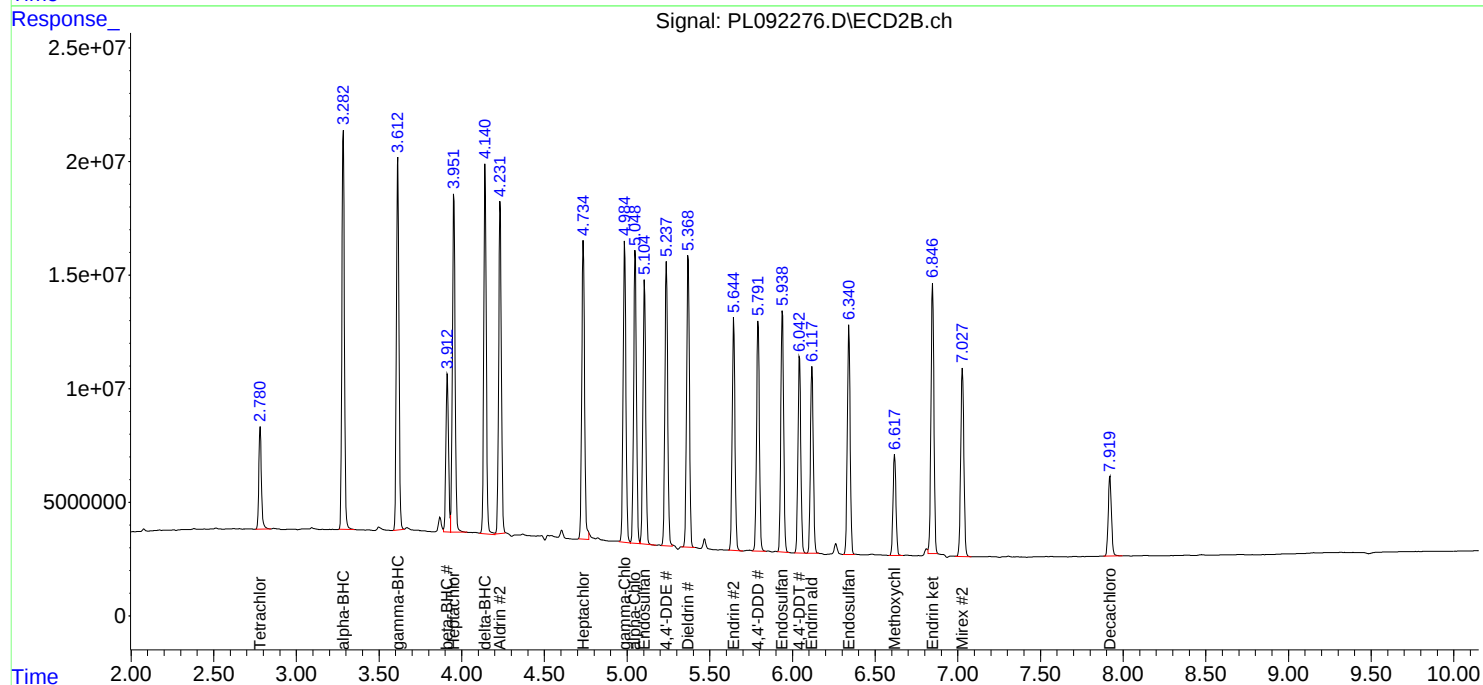
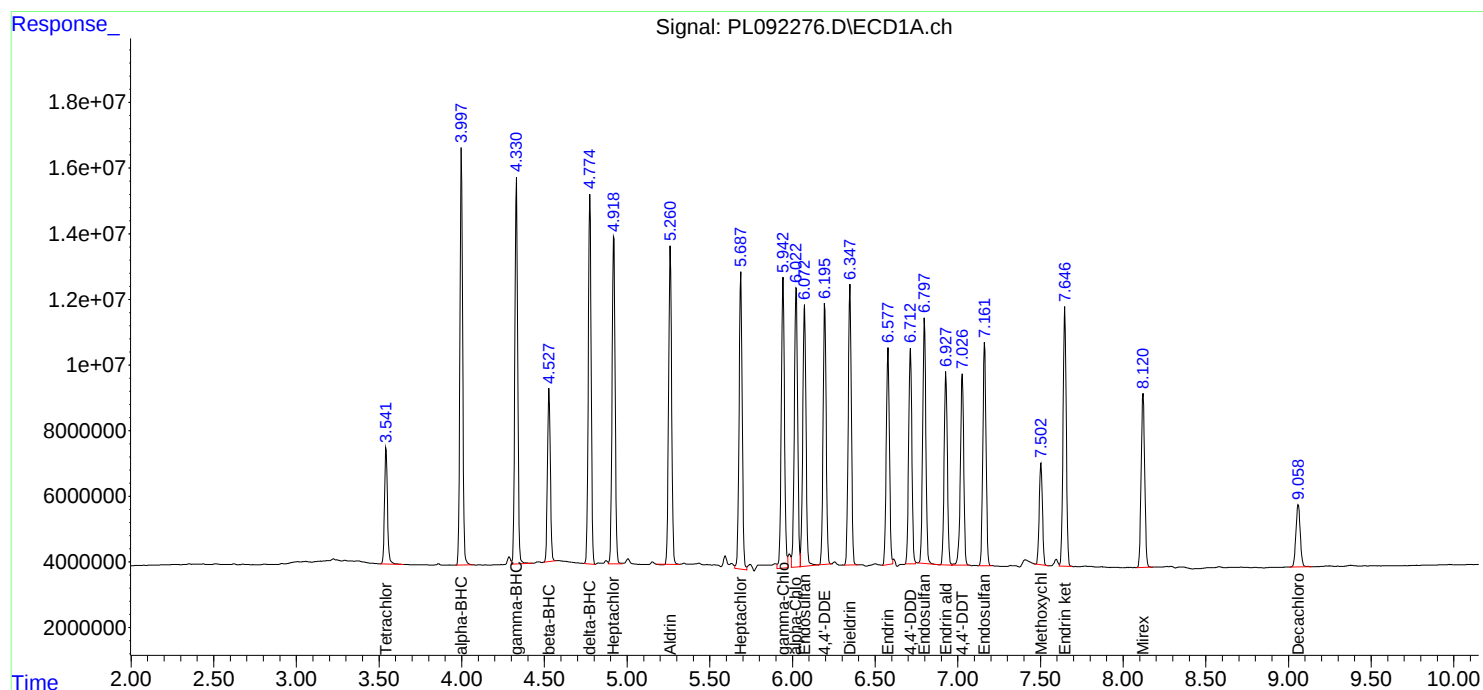
Instrument :
ECD_L
ClientSampleId :
PB163986BSD

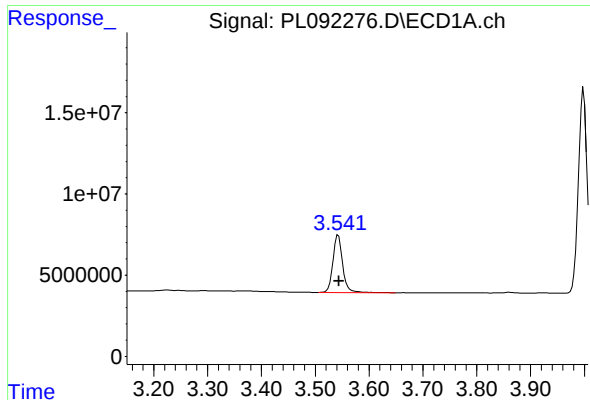
Manual Integrations
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Supervised By : Ankita Jodhani 10/09/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 09 02:16:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





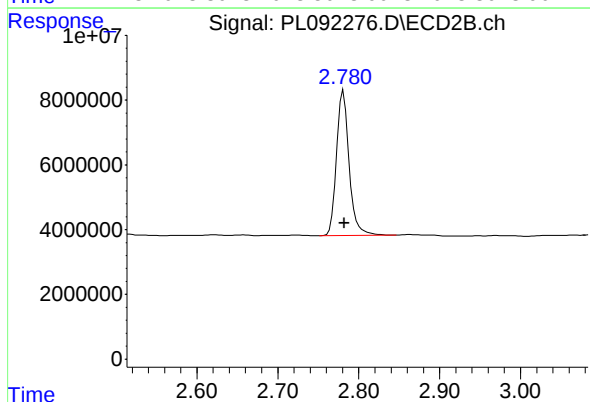
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.001 min
Response: 44233377
Conc: 19.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163986BSD

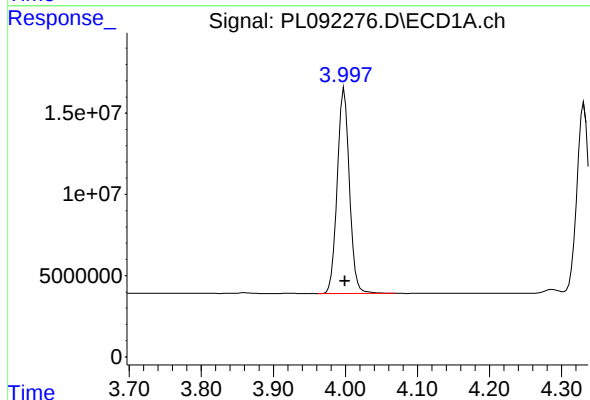
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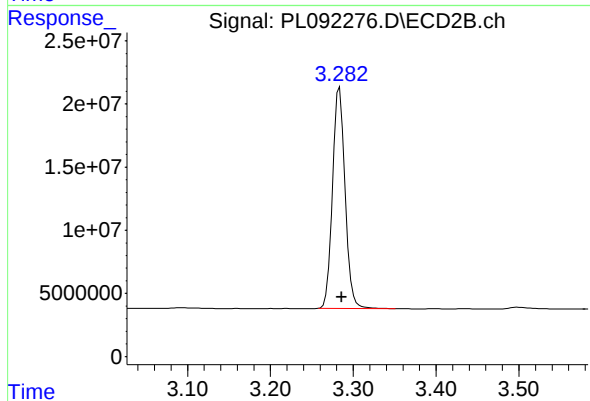
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: -0.001 min
Response: 48385490
Conc: 19.29 ng/ml



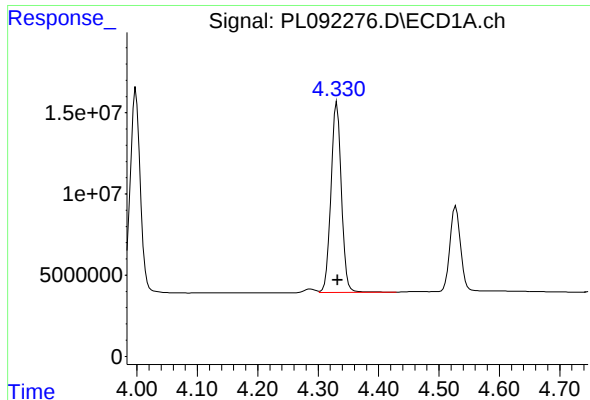
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 146763124
Conc: 47.40 ng/ml



#2 alpha-BHC

R.T.: 3.284 min
Delta R.T.: -0.002 min
Response: 184967358
Conc: 50.77 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: -0.001 min
Response: 140599912
Conc: 45.37 ng/ml

Instrument :

ECD_L

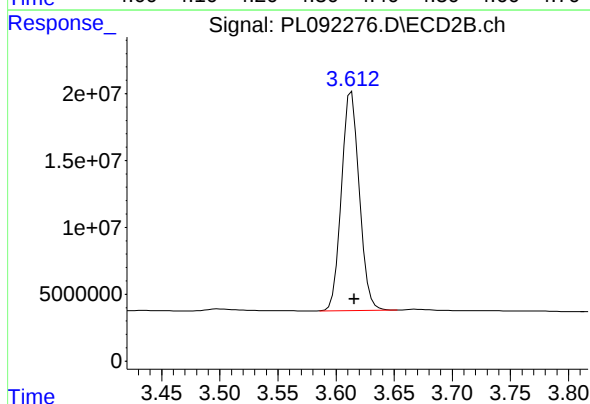
ClientSampleId :

PB163986BSD

Manual Integrations

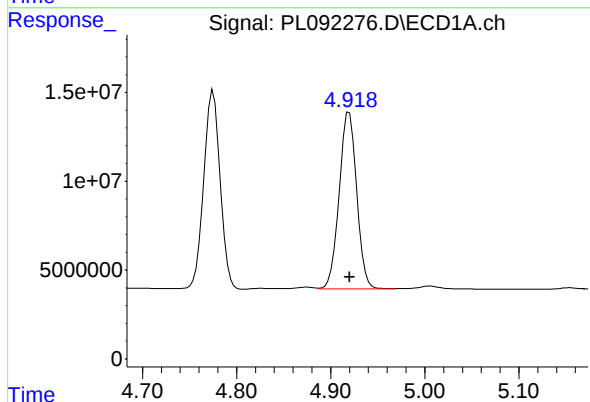
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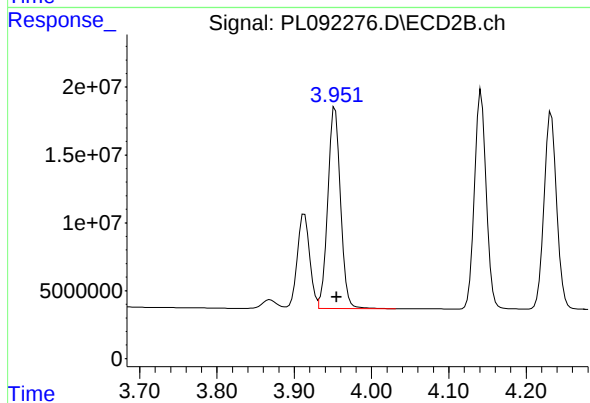
#3 gamma-BHC (Lindane)

R.T.: 3.613 min
Delta R.T.: -0.002 min
Response: 174501407
Conc: 49.42 ng/ml



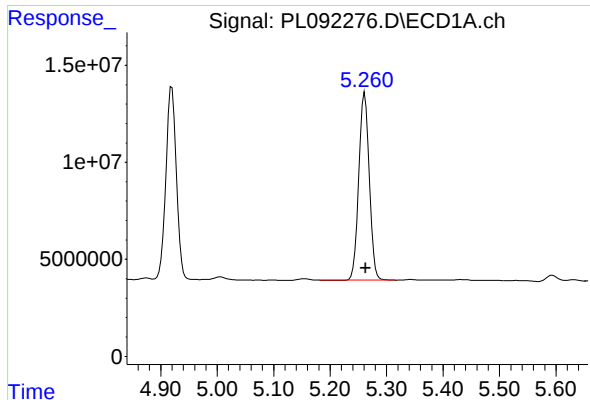
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 128804466
Conc: 46.58 ng/ml



#4 Heptachlor

R.T.: 3.953 min
Delta R.T.: -0.002 min
Response: 170536158
Conc: 49.42 ng/ml



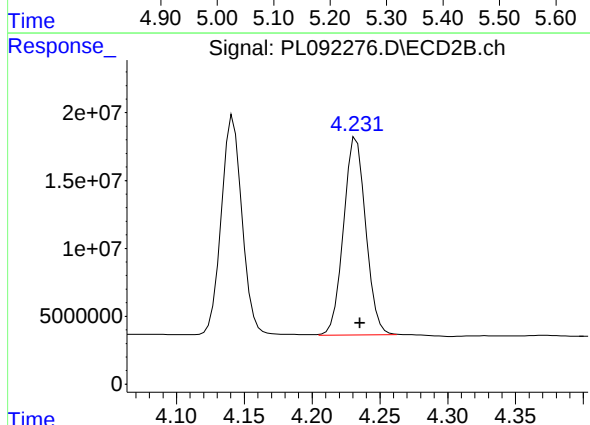
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: -0.001 min
Response: 123916311
Conc: 44.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163986BSD

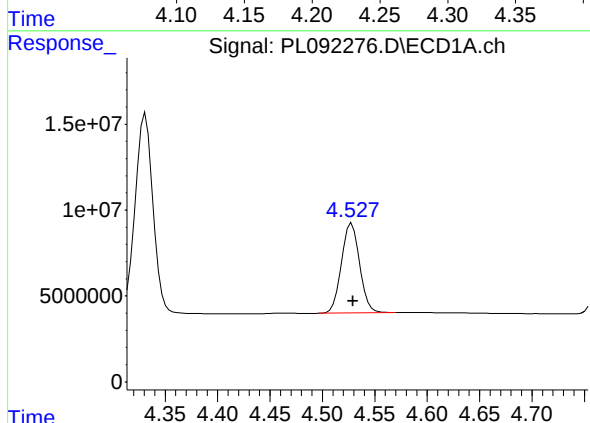
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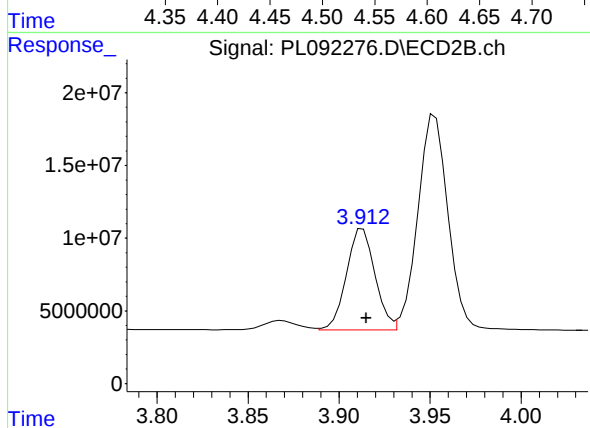
#5 Aldrin

R.T.: 4.231 min
Delta R.T.: -0.004 min
Response: 165312651
Conc: 48.61 ng/ml



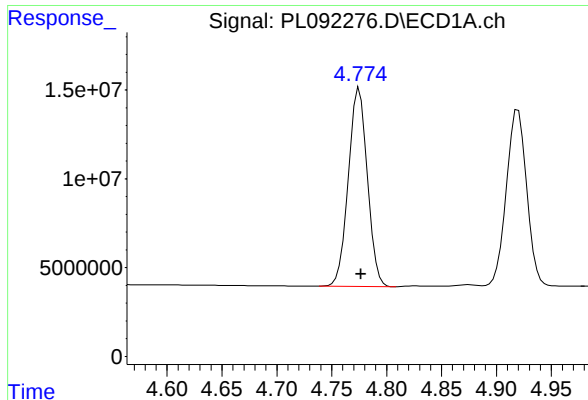
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: -0.001 min
Response: 63261014
Conc: 47.69 ng/ml



#6 beta-BHC

R.T.: 3.913 min
Delta R.T.: -0.002 min
Response: 76425445
Conc: 50.85 ng/ml



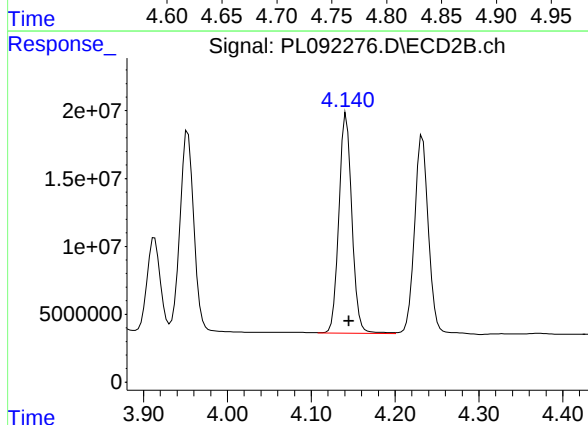
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: -0.001 min
Response: 134767984
Conc: 46.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163986BSD

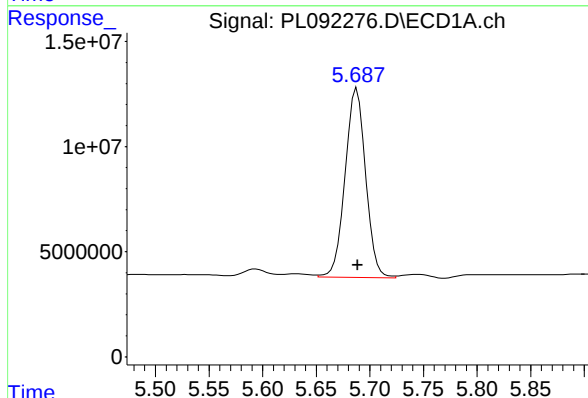
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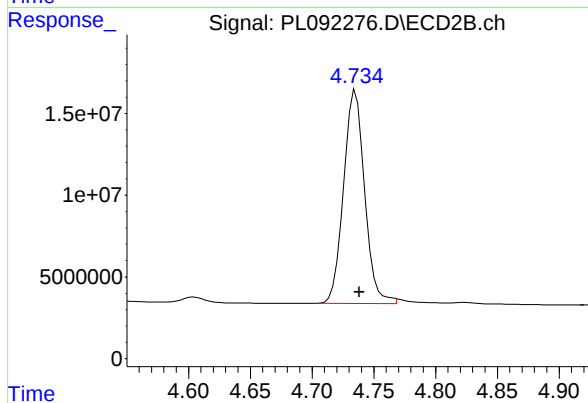
#7 delta-BHC

R.T.: 4.142 min
Delta R.T.: -0.003 min
Response: 173882616
Conc: 50.09 ng/ml



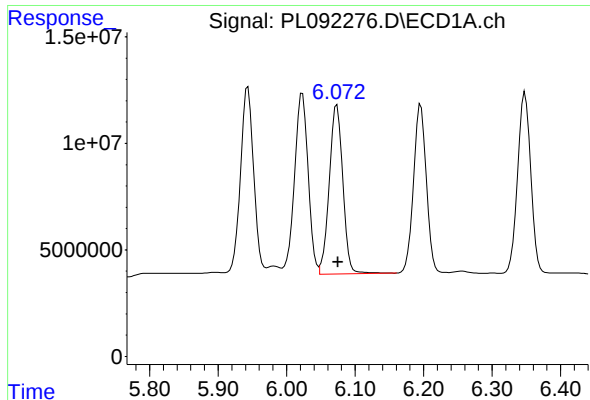
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 119708486
Conc: 47.04 ng/ml



#8 Heptachlor epoxide

R.T.: 4.734 min
Delta R.T.: -0.004 min
Response: 154952094
Conc: 51.26 ng/ml m



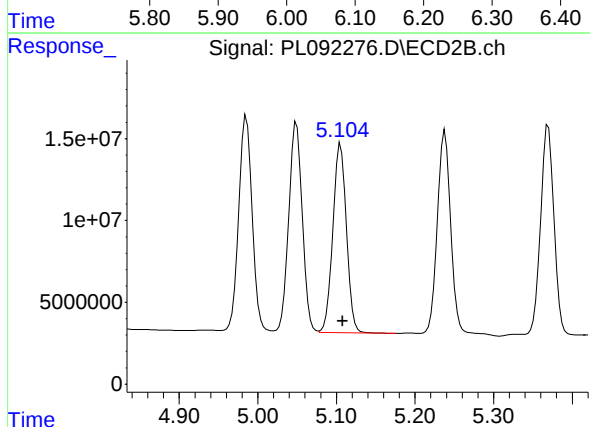
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: -0.001 min
Response: 109500045
Conc: 47.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163986BSD

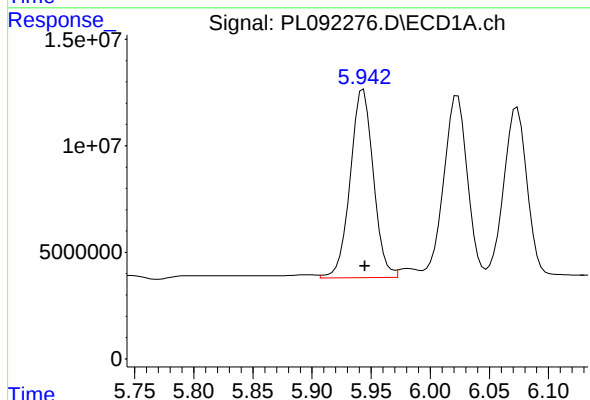
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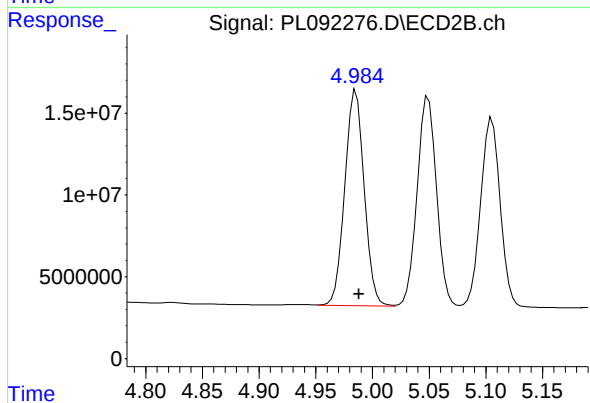
#9 Endosulfan I

R.T.: 5.105 min
Delta R.T.: -0.003 min
Response: 138303489
Conc: 50.39 ng/ml



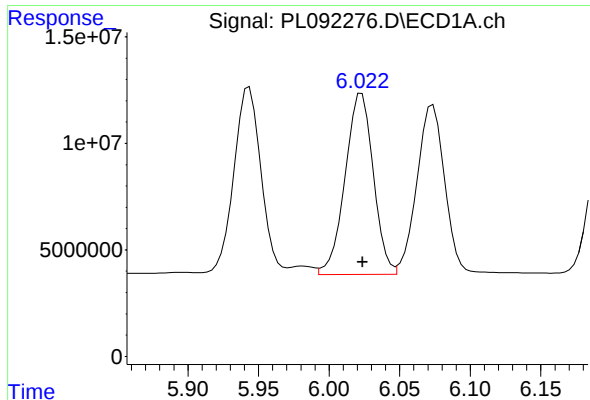
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: -0.001 min
Response: 120293349
Conc: 48.68 ng/ml



#10 gamma-Chlordane

R.T.: 4.986 min
Delta R.T.: -0.003 min
Response: 156557097
Conc: 52.04 ng/ml



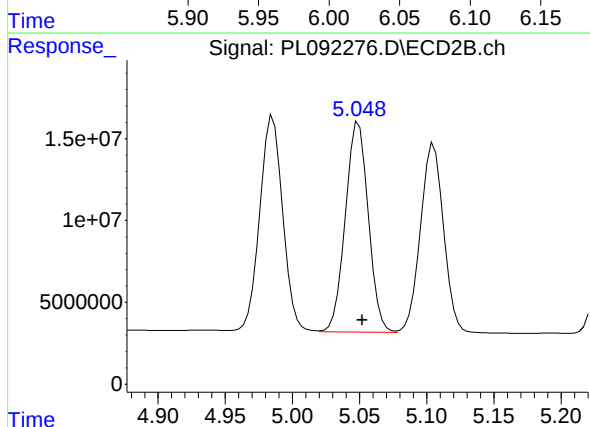
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: 0.000 min
Response: 118475248
Conc: 48.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163986BSD

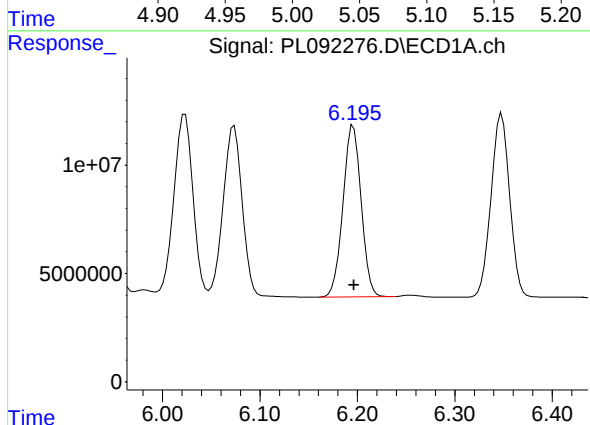
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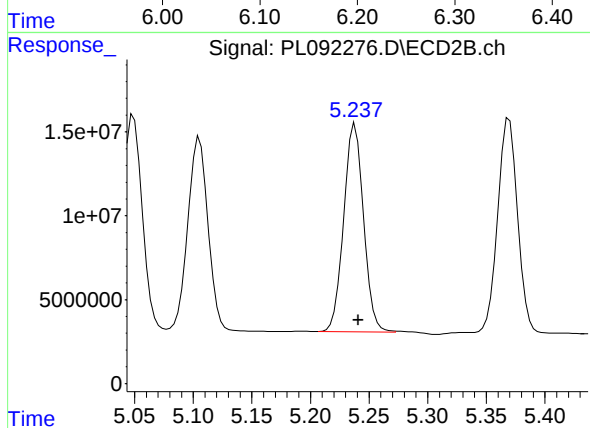
#11 alpha-Chlordane

R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 153242591
Conc: 51.19 ng/ml



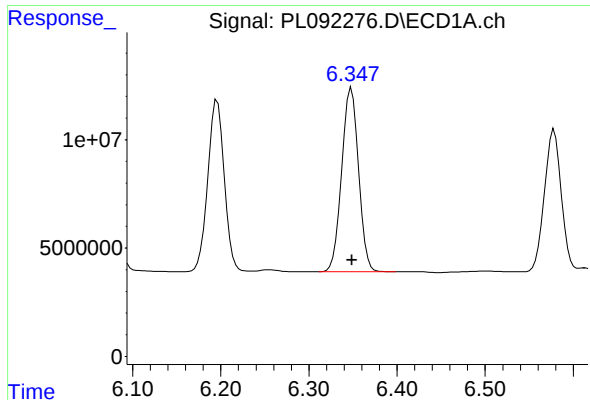
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 102415521
Conc: 47.32 ng/ml



#12 4,4'-DDE

R.T.: 5.237 min
Delta R.T.: -0.004 min
Response: 146102005
Conc: 52.58 ng/ml m



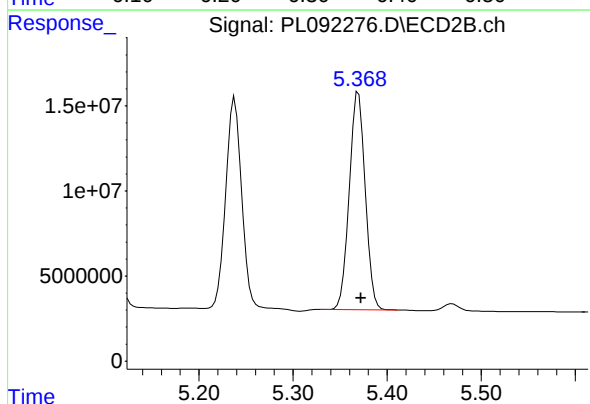
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 112905465
Conc: 46.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163986BSD

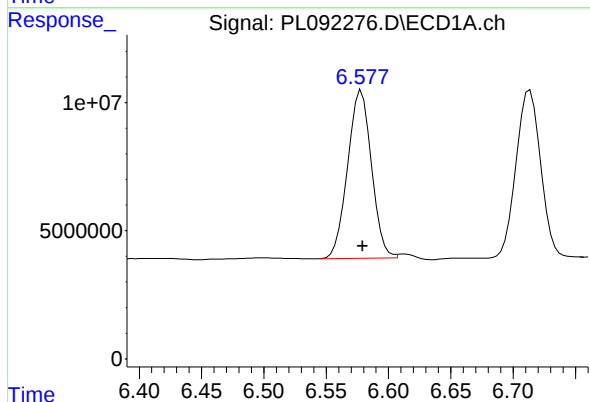
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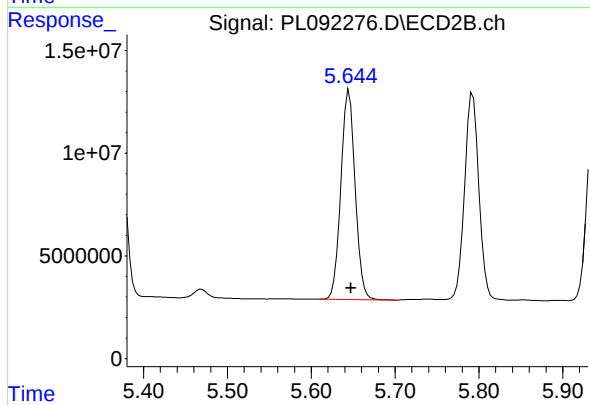
#13 Dieldrin

R.T.: 5.370 min
Delta R.T.: -0.003 min
Response: 150581274
Conc: 51.36 ng/ml



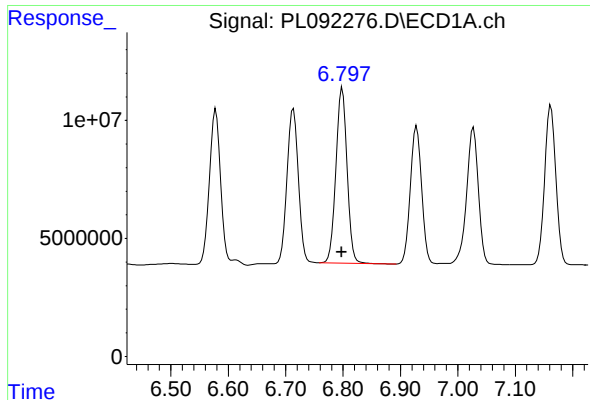
#14 Endrin

R.T.: 6.577 min
Delta R.T.: -0.002 min
Response: 87538447
Conc: 42.48 ng/ml m



#14 Endrin

R.T.: 5.645 min
Delta R.T.: -0.002 min
Response: 120218910
Conc: 45.85 ng/ml



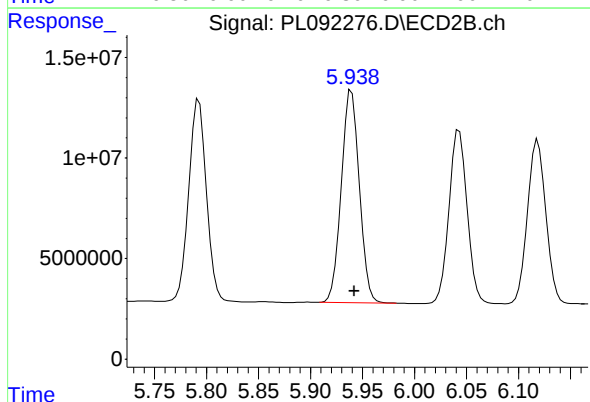
#15 Endosulfan II

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 99994474
Conc: 45.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163986BSD

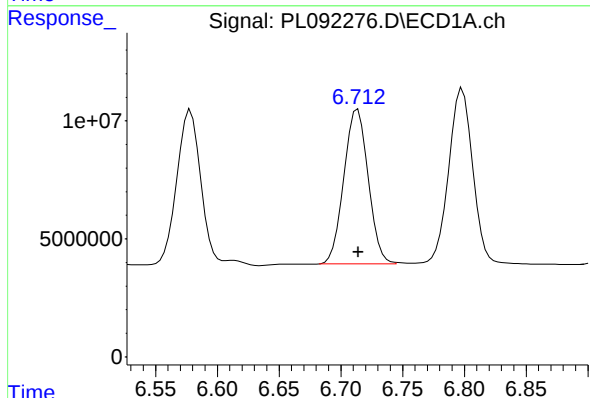
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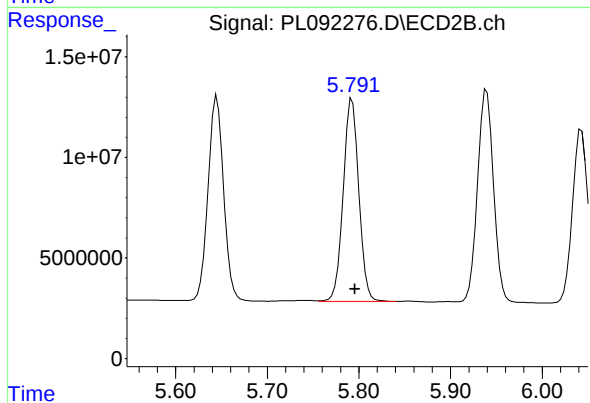
#15 Endosulfan II

R.T.: 5.939 min
Delta R.T.: -0.003 min
Response: 127539720
Conc: 50.97 ng/ml



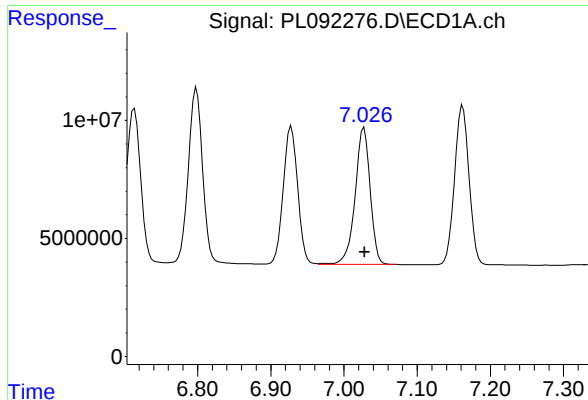
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: -0.002 min
Response: 89893495
Conc: 50.06 ng/ml m



#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: -0.003 min
Response: 119667678
Conc: 56.02 ng/ml



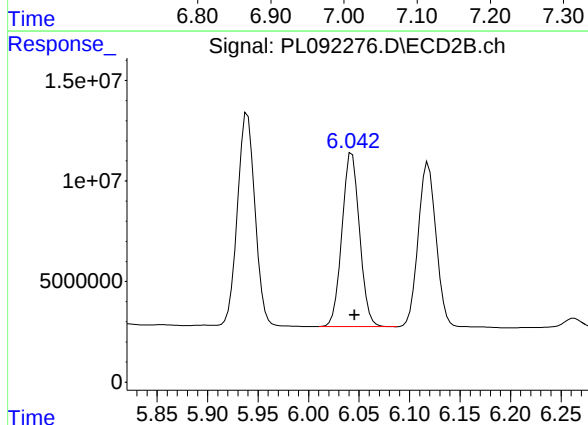
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.000 min
Response: 82431805
Conc: 44.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163986BSD

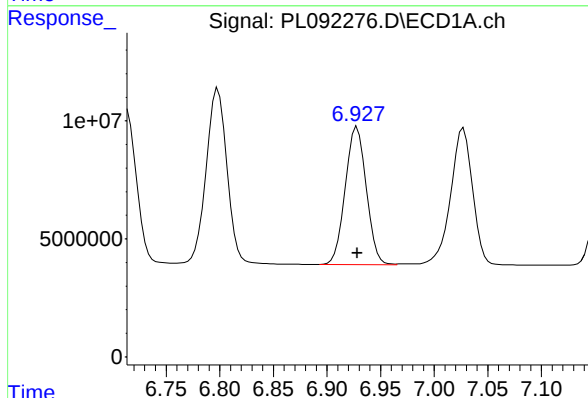
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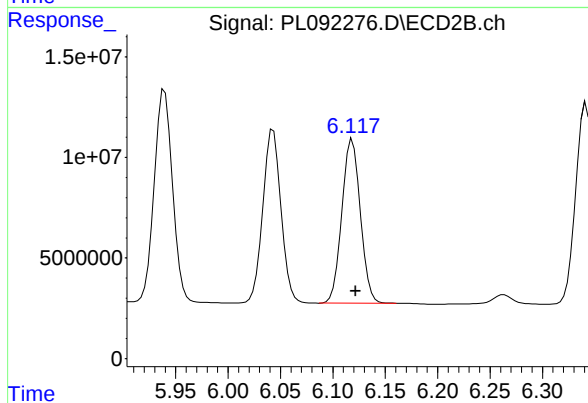
#17 4,4'-DDT

R.T.: 6.043 min
Delta R.T.: -0.003 min
Response: 104783866
Conc: 45.30 ng/ml



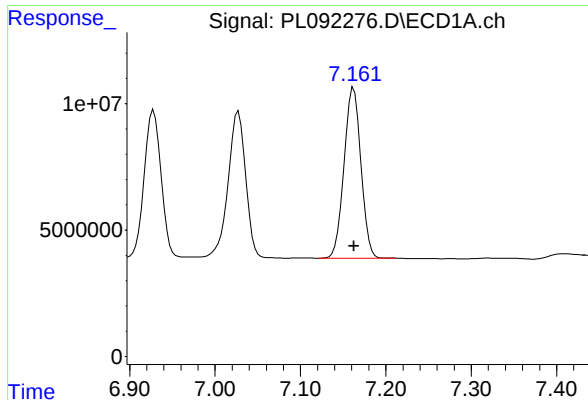
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 79896493
Conc: 45.84 ng/ml



#18 Endrin aldehyde

R.T.: 6.119 min
Delta R.T.: -0.003 min
Response: 100343595
Conc: 49.17 ng/ml



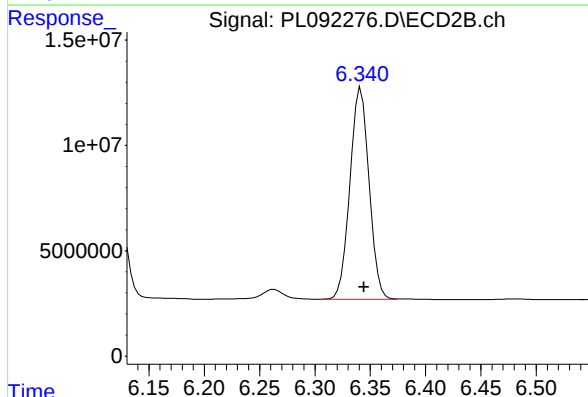
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: 0.000 min
Response: 92635987
Conc: 46.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163986BSD

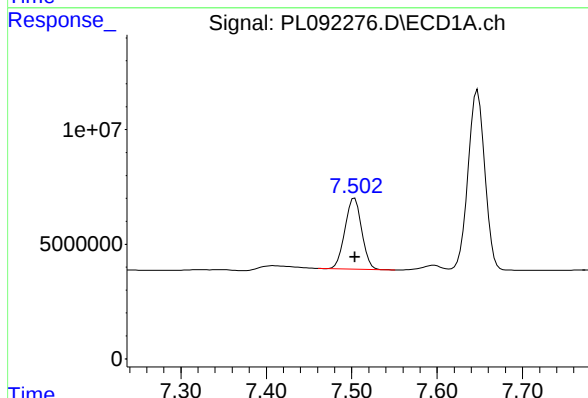
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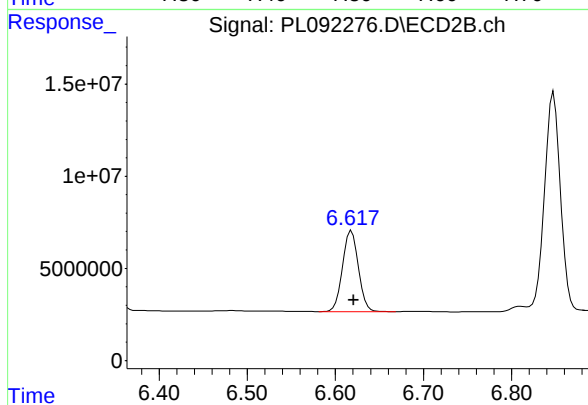
#19 Endosulfan Sulfate

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 121246541
Conc: 50.26 ng/ml m



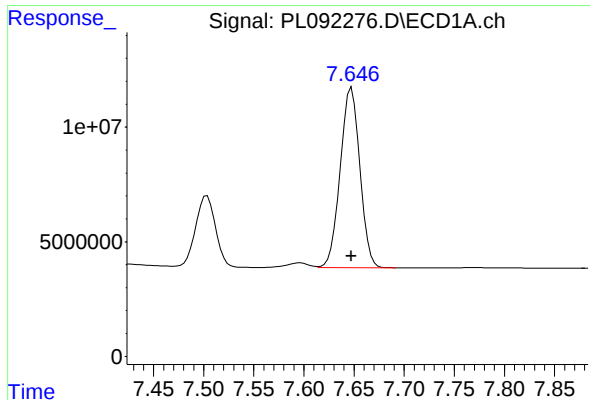
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 41986318
Conc: 42.77 ng/ml



#20 Methoxychlor

R.T.: 6.618 min
Delta R.T.: -0.003 min
Response: 54954904
Conc: 43.95 ng/ml



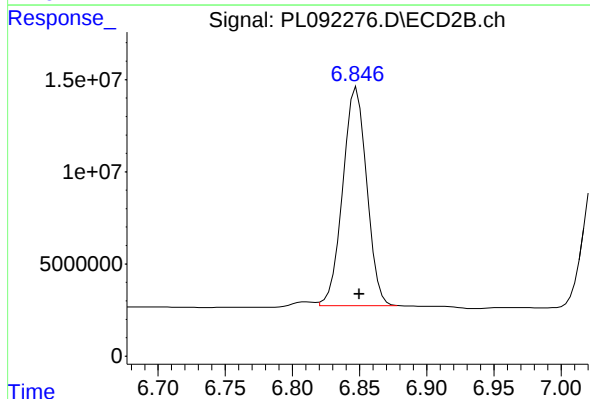
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 10691992
Conc: 48.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163986BSD

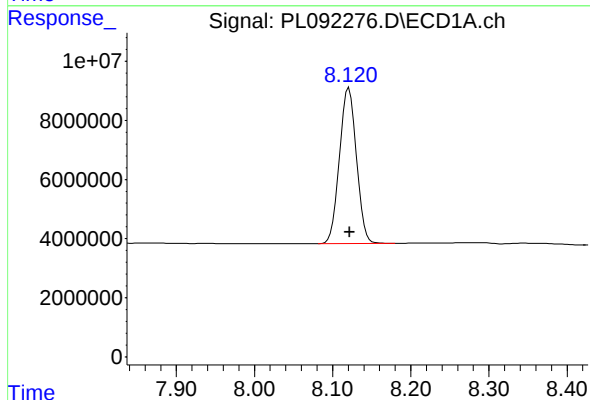
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/09/2024
Supervised By :Ankita Jodhani 10/09/2024



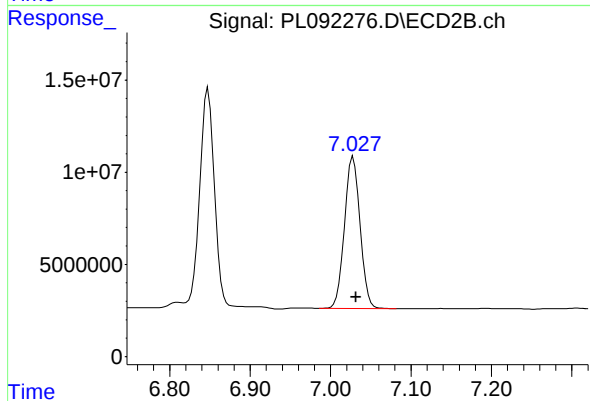
#21 Endrin ketone

R.T.: 6.846 min
Delta R.T.: -0.004 min
Response: 147031473
Conc: 53.10 ng/ml m



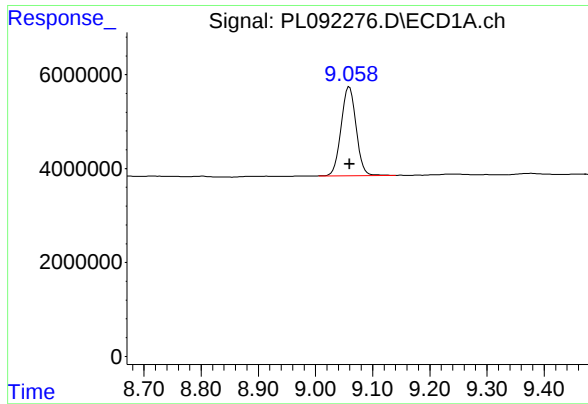
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.000 min
Response: 79691598
Conc: 44.25 ng/ml



#22 Mirex

R.T.: 7.028 min
Delta R.T.: -0.003 min
Response: 111034552
Conc: 45.64 ng/ml



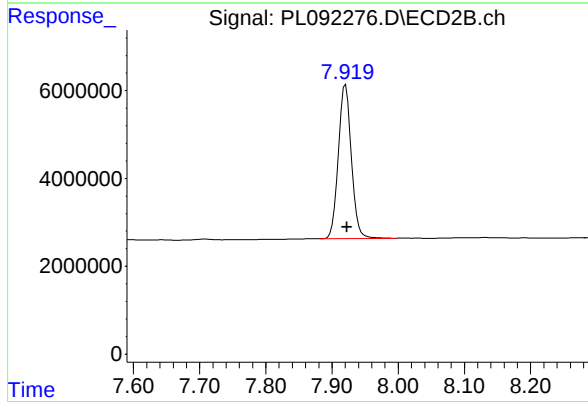
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.001 min
Response: 34384427
Conc: 20.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163986BSD

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#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: -0.002 min
Response: 48154479
Conc: 19.25 ng/ml